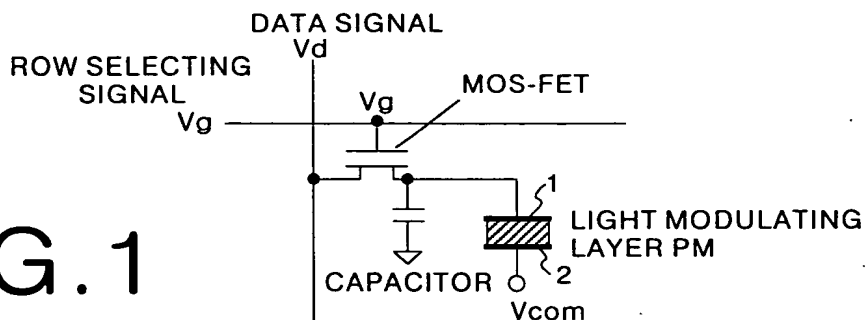


FIG.1



T_w : PERIOD DURING WHICH DATA IS WRITTEN TO ALL PIXELS

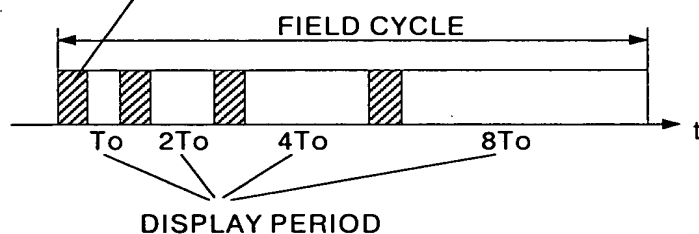
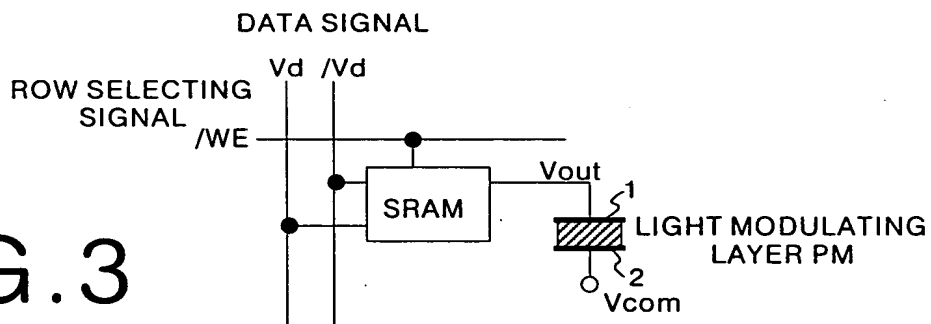


FIG.2

FIG.3



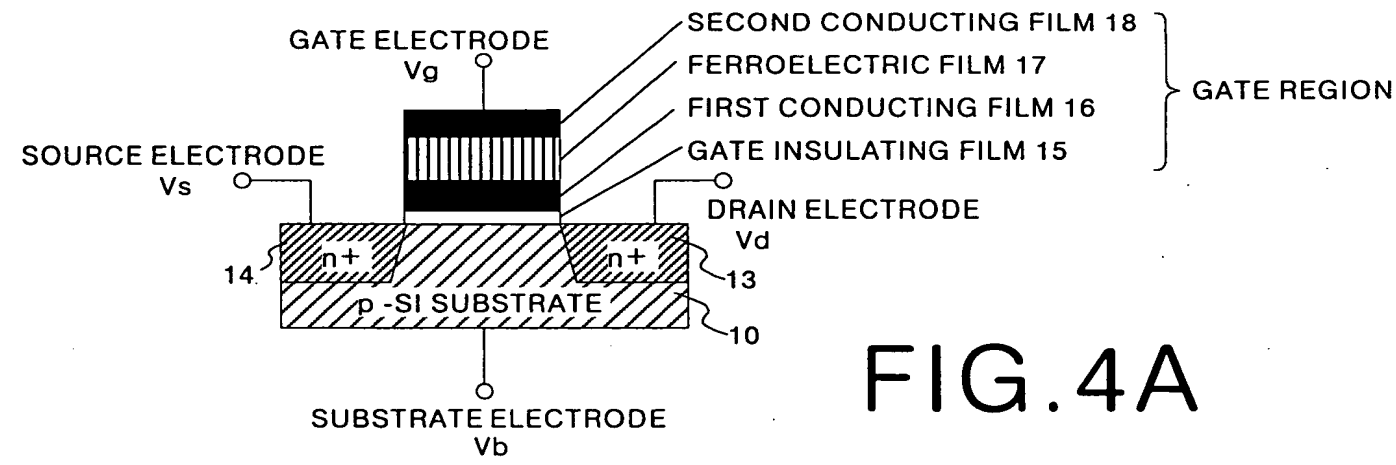


FIG. 4A

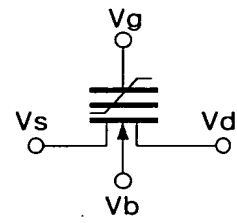


FIG. 4B

FIG. 5A

POLARIZATION DIRECTION
WHEN V_{gs} IS POSITIVE

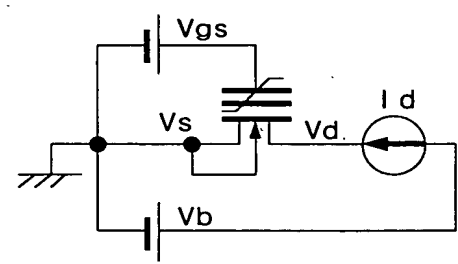


FIG. 5B

POLARIZATION DIRECTION
WHEN V_{gs} IS NEGATIVE



FIG. 5C



866260" 669T9T60

FIG.6

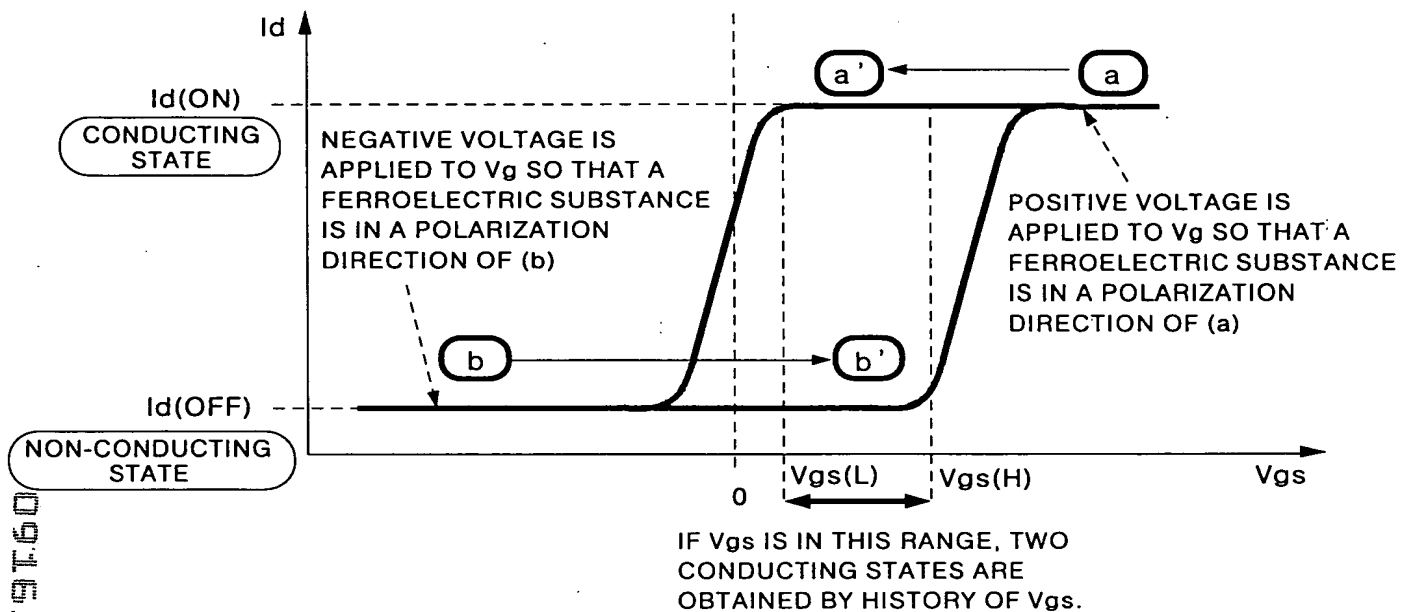
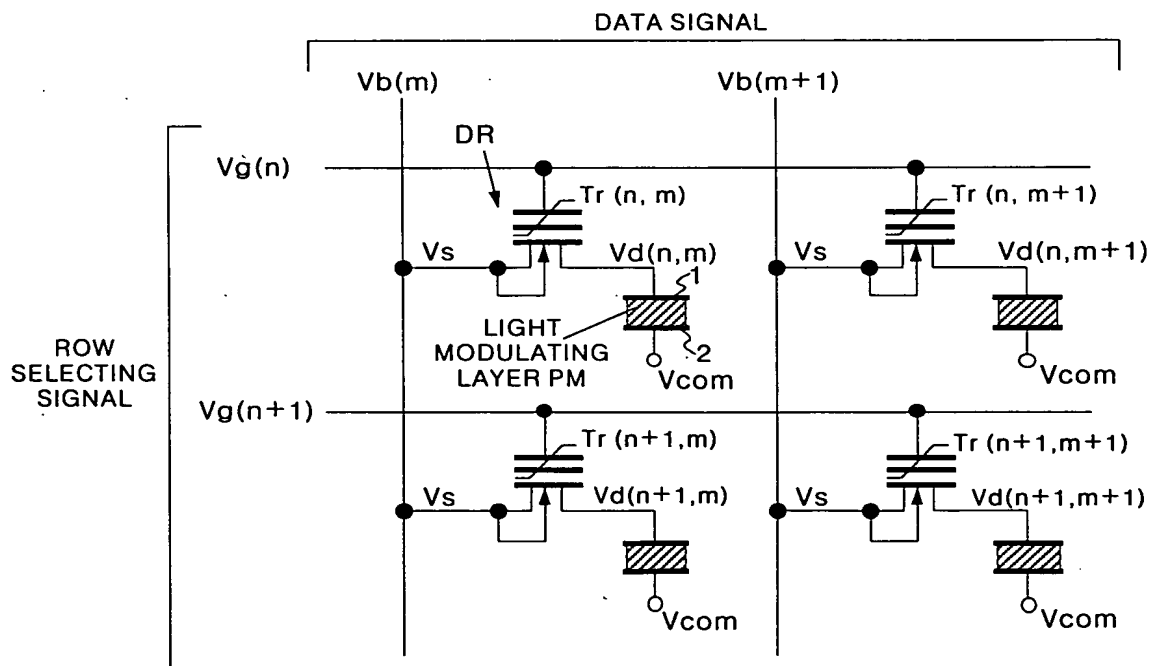


FIG.7



[RELATION BETWEEN V_{gs} AND POLARIZATION STATE]

FIG.8

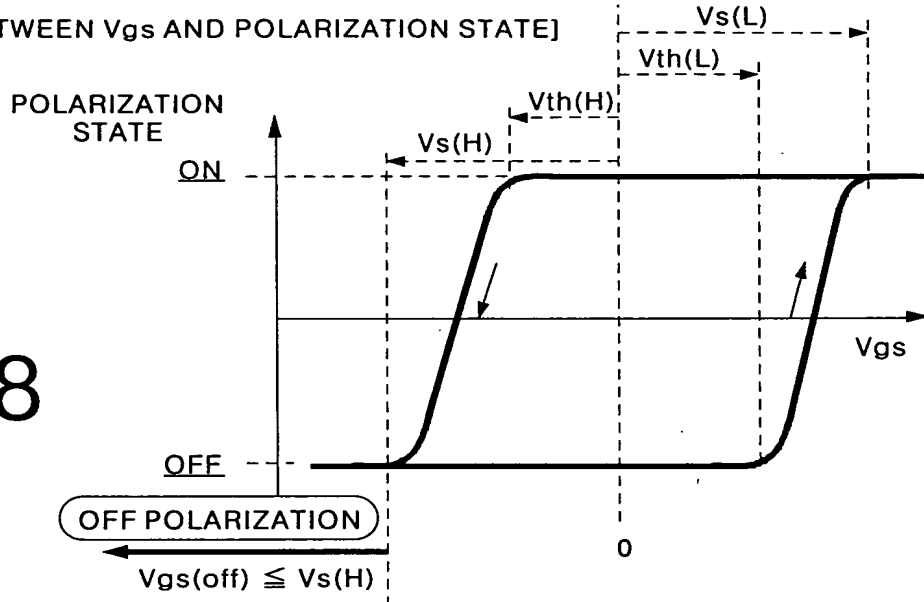
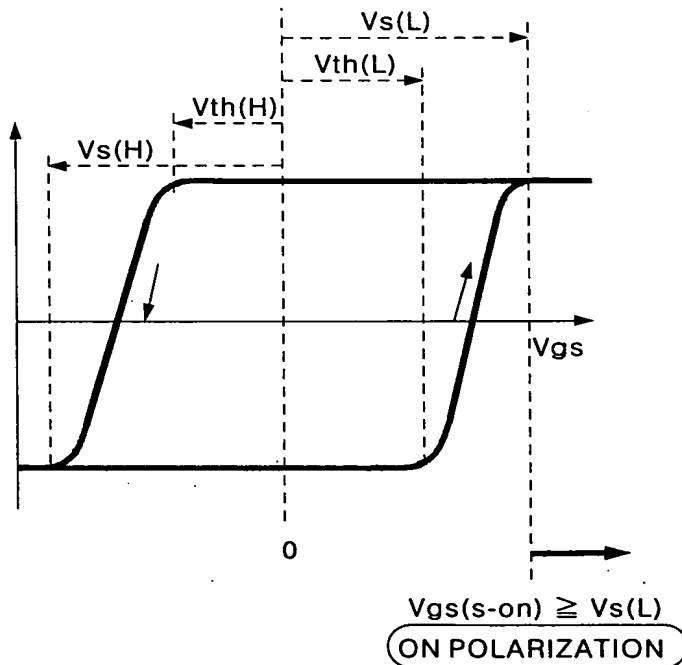


FIG.9



00161699-092998

FIG.10

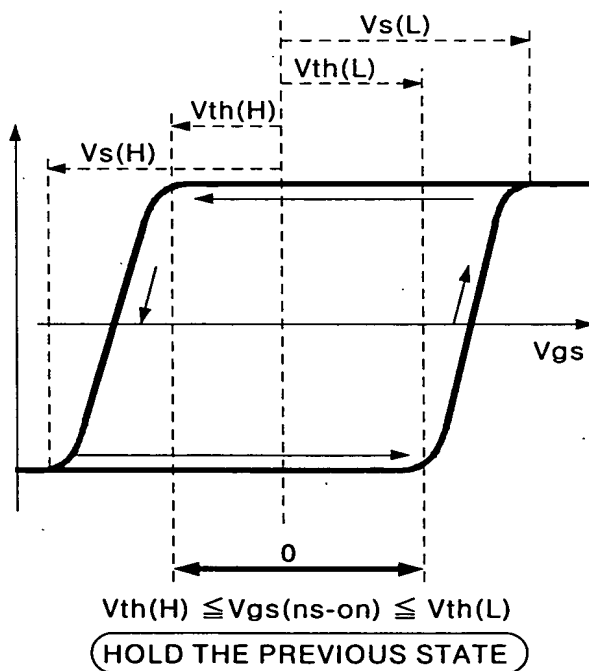
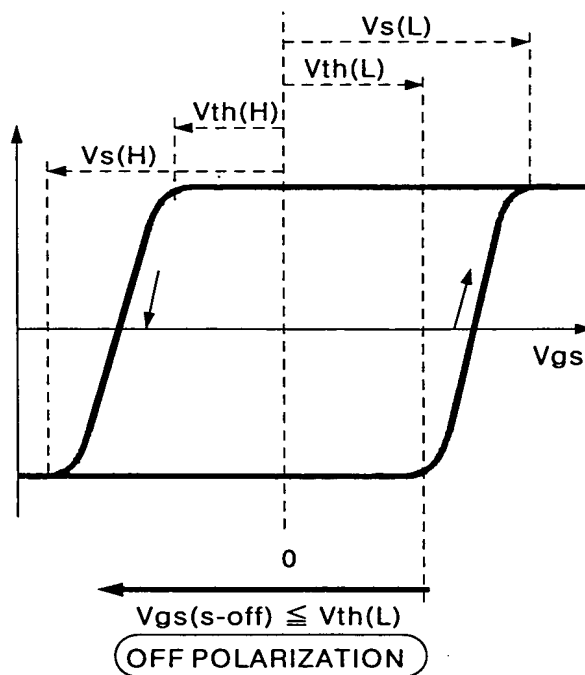


FIG.11

FIG.12

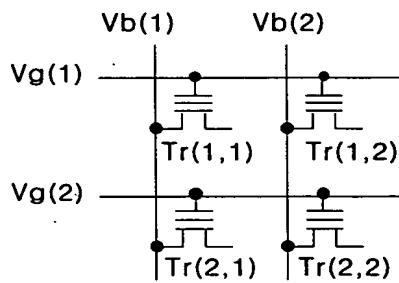
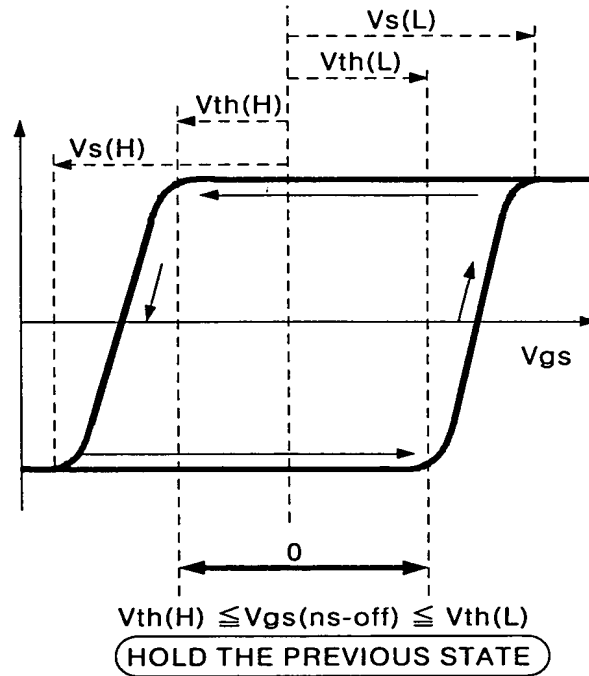


FIG.13

091690-092933



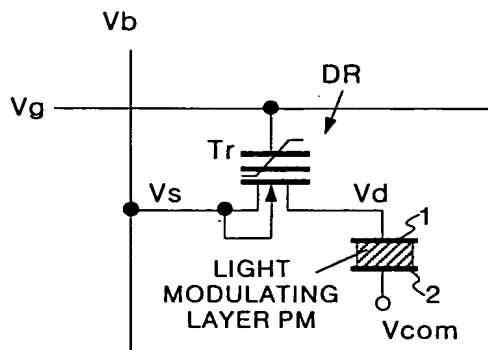


FIG.15A

FIG.15B

FIG.15C

[ON STATE]

$V_{b(op)}$



V_{com}

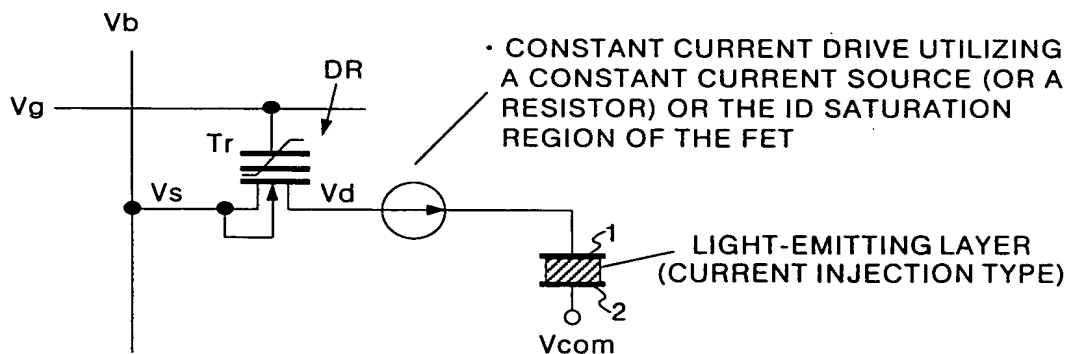
[OFF STATE]

$V_{b(op)}$



V_{com}

FIG.16



866260-669T60

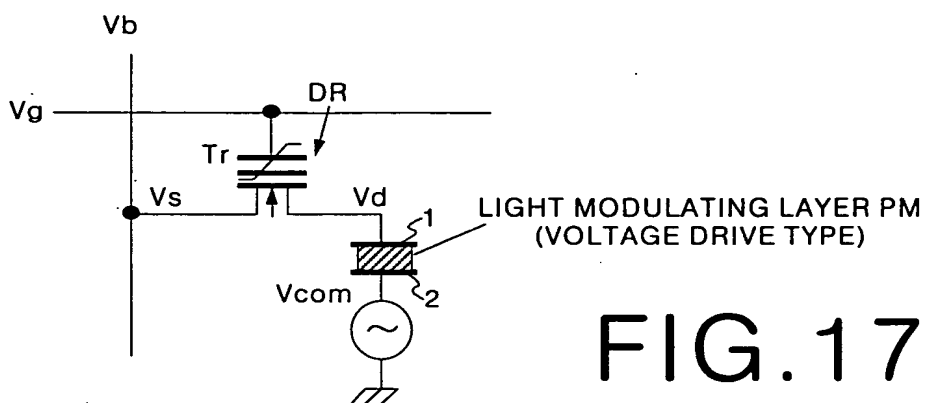


FIG. 17

FIG. 18

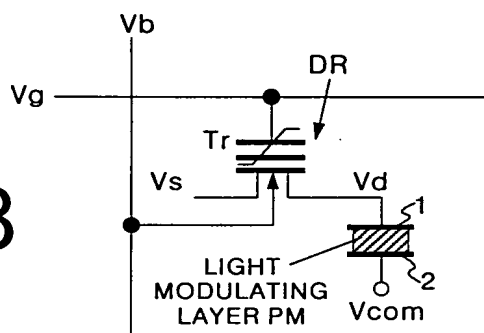
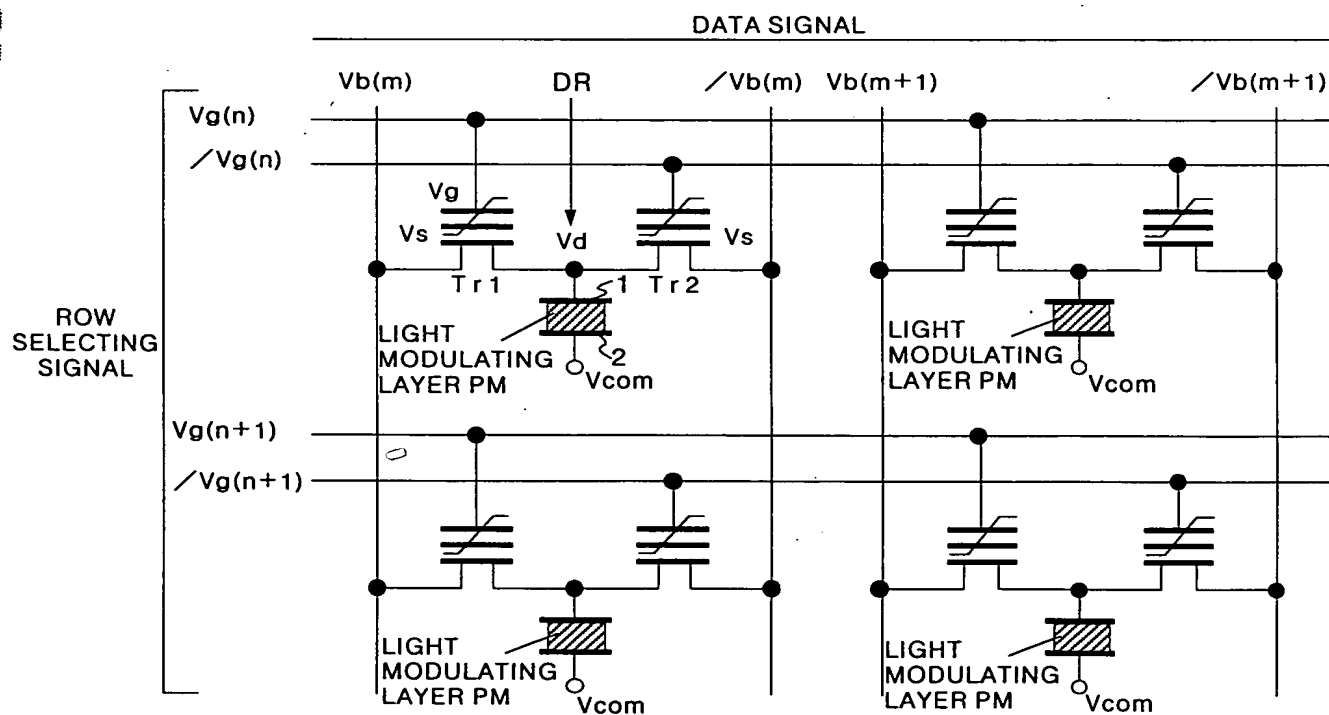


FIG. 19



09161699 : 092999

09161699 : 092999

FIG.21A

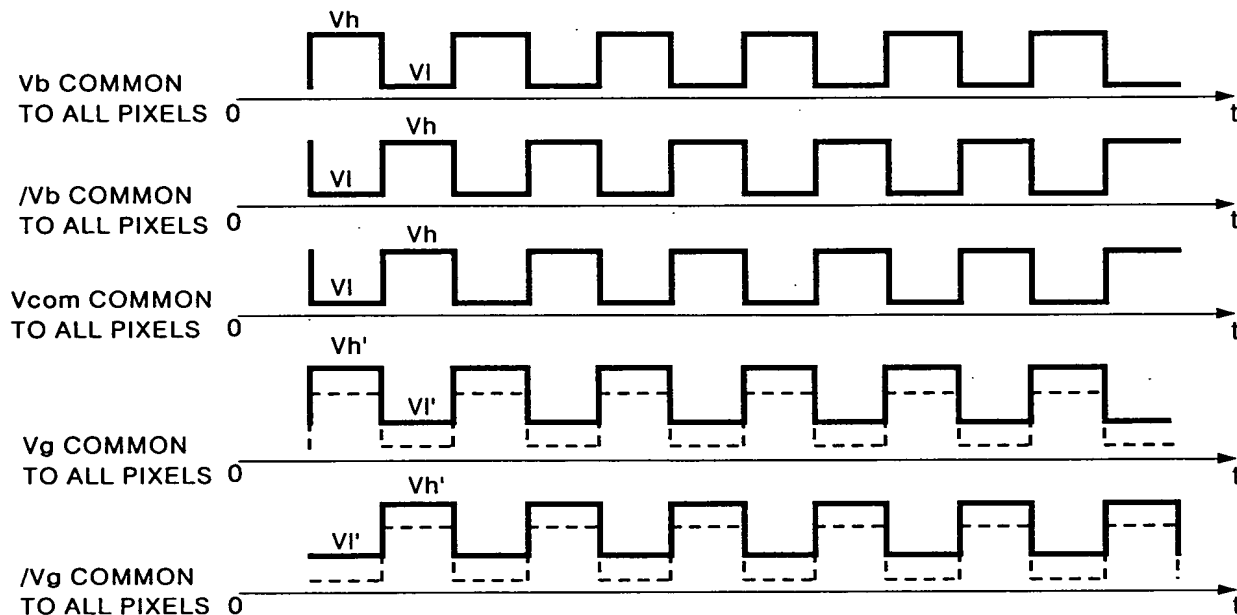


FIG.21B

DRAIN VOLTAGE ON EACH PIXEL

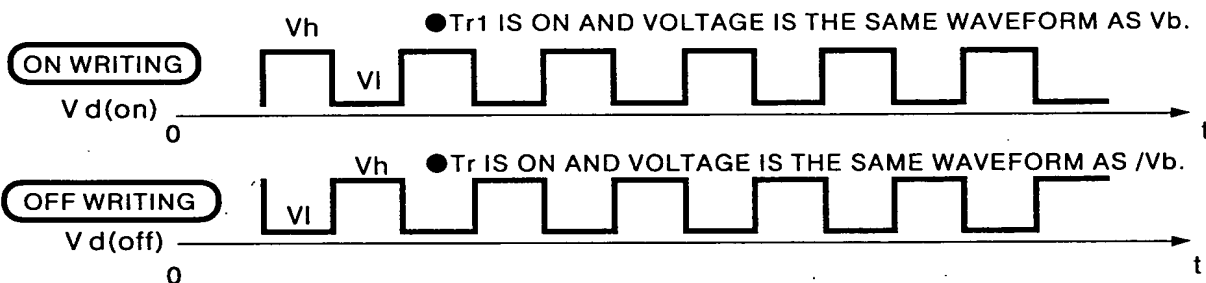


FIG.21C

DRAIN VOLTAGE ON THE LIGHT MODULATING LAYER OF EACH PIXEL

